

# HF Happenings 472

South African Radio League 1925 - 2010 Suid-Afrikaanse Radioliga  
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*23 September - Take your handheld to work/school*  
*24 September - Radio Technology in Action, Johannesburg and Heritage Day Sprint*  
*25 September - Intecnet featuring Logbook of the World*  
*28 September - SARL 80 m Club Contest, digital*  
*(Find the contest rules in the 2011 SARL Contest Manual)*

## *Follow a hiking group on amateur radio*

On 26 September, a group of hikers will start a 12-day hike in the Drakensburg range. It will start at Mount Aux Saucers and end at Boesmansnek. Amateur radio will be used for communication, and to this end Johan Leslie, ZR4CAA, is a member of the group. Base camp will also be run by a radio amateur, John Longland, ZS6AA. Use will be made of the 40, 80 and the 2 m bands.

For quite some time now, tests have been ongoing around the communication procedures and these procedures will be on the website [www.crossroadsadventure.co.za](http://www.crossroadsadventure.co.za) by Monday. The procedures are aimed at making compact communications possible between the group and base camp, at certain scheduled times.

Radio amateurs are requested to listen out for these call signs and assist when an emergency situation seems to be arising by following the procedures on the website. Ragchews with the group will not be possible as they have limited battery power, but they aim to have a session at the half way mark.

## *Three hams purchase HRD suite source and rights*

Mike Carper, WA9PIE, Randy Gawtry, KOCBH, and Rick Ruhl, W4PC, have acquired the source and rights to the **Ham Radio Deluxe** suite of software. The trio plans to continue the improving the best ham radio package available.





"Simon has done a fantastic job with this software. His vision for integrating rig control, rotor control, logging, digital modes and satellite operations into a single integrated feature-rich software suite has captivated the ham radio community. We'd like to see this product continue in a way that respects the hard work put into this package by Simon and others," said Mike Carper. "Maintaining that vision, while delivering timely fixes and feature enhancements in the future, will be the number one priority."

"After many years writing the HRD software it's necessary to take a break and hand the whole project over to another team," said Simon Brown, HB9DRV. "The support effort required has become more than I can realistically manage - with many thousands of users, new radios and other hardware appearing all the time and unexpected changes to the infrastructure used by HRD such as QRZ.com, I no longer have any time at all for other projects. As some of you will know, I have formed a company SDR-RADIO.com GmbH and am now working in the Software Defined Radio arena with RFspace. This is the technology of the future; a future which I want a part of. In 2012 I plan to return to England and get back on the air, something I haven't done much during the last 25 years."

The trio is in the process of building a development environment for HRD and plans to begin by addressing some of the bugs in the existing "To Do List" for an upcoming 5.1 release. The 5.1 release will be made available at no charge to registered users when completed.

All three principals have more than 25 years of experience with radio data communications. Rick Ruhl is the president of W4PC Software, Inc. whose products include the PakRatt, PKTerm and Radio Operations Center software suites. Randy Gawtry is the president of Timewave Technology Inc. whose products include the PK and DSP families of data controllers and other commercial data products. Mike Carper is an experienced Fortune 500 technology executive, educator, and featured speaker in the areas of wireless technologies and IT Service Management.

WA9PIE is on the web at  
<http://www.wa9pie.net/hamradio>

Timewave Technology is on the web at  
<http://www.timewave.com>

W4PC Software is on the web at  
<http://www.w4pcsoftware.com>

## September

1 to 7 – National Arbour Week  
2 – Casual Day [www.casualday.co.za](http://www.casualday.co.za)  
2 to 4 – The Williston Festival  
3 - **ZS6JVT Spring 40 Metre Youth Contest**  
3 / 4 - All Asian DX Phone Contest  
4 - DARC 10-Metre Digital Contest  
7 – Secretaries Day  
9 to 11 – Mossel Bay to Plettenberg Bay MTB Race  
[www.honeytrail.co.za](http://www.honeytrail.co.za)  
10 / 11 - WAE DX SSB Contest  
16 - World Ozone Day  
16 / 17 – Karoo Desire Festival, Graaff-Reinet [www.graaff-reinet.co.za](http://www.graaff-reinet.co.za)  
17 - **Programming in Windows, Advanced Home Construction Durban**  
17 / 18 - **SARL VHF/UHF Contest;** Scandinavian Activity CW Contest  
23 to 26 – The Fugard Festival, Nieu-Bethesda [www.fugardfestival.co.za](http://www.fugardfestival.co.za)  
24 – Heritage Day and National Braai Day [www.braai.com](http://www.braai.com); **RTA, Johannesburg; SARL Heritage Day Sprint;** SA Armour Museum Open Day  
24 / 25 - CQ WW DX RTTY Contest  
27 - World Tourism Day  
28 - **SARL 80 m Club Contest, digital**  
30 – Schools close

## October

6 - **SARL 80 m QSO Party**  
7 / 8 – The Fun of the Fish, Cra-dock [www.fishmarathon.org.za](http://www.fishmarathon.org.za); Hobson's Choice, Somerset East [www.anglerandantelope.co.za](http://www.anglerandantelope.co.za)  
10 – Schools open  
14 / 15 - CQ Hou Koers  
15 / 16 - Jamboree-on-the-Air  
20 - **Radio Amateur Examination**  
22 - **Spring QRP Sprint**  
27 to 29 – The Richmond Book Festival [www.richmondnc.co.za](http://www.richmondnc.co.za)  
29 / 30 - CQ WW DX Phone Contest





### *ZS6JVT 40 Metre Youth Spring Sprint*

Although there were many stations active during the competition, it was very disappointing that only five logs were submitted. It can be questioned whether it will be worthwhile to continue with the competition, but next time it may be better.

The results are as follows:

- 1<sup>st</sup> John Vorster Technical High School ARC, ZS6JVT - 55
- 2<sup>nd</sup> Sasolburg ARC, ZS4SRK - 52
- 3<sup>rd</sup> Nigel Burgess, ZR6NGB - 38
- 4<sup>th</sup> Anette Coetzee, ZR6D - 29
- 5<sup>th</sup> Derek Stuart, ZS2J - 23

The organisers of the ZS6JVT Youth Spring Sprint thanks all who took the trouble to send in log sheets.

### *DX Magazine Most Wanted Survey*

The DX Magazine's annual Most Wanted Survey is being conducted from until 15 October. The survey form is available at [www.dxpub.com/dx\\_survey2011.html](http://www.dxpub.com/dx_survey2011.html) (please note that it is not a complete list of all DXCC Entities: if you need something that is not listed, simply use the "Additions or Comments" space at the end of the form). The STOR confirmations are not expected to be available before the deadline for the new Entity to be included in this survey, so South Sudan is not on the form this time.

The overall results will be published in the January/February 2012 issue of The DX Magazine, and the world-wide results will be posted to the web site around 15 January 2012 as well. The breakdown by mode/Low Bands will be published in the March/April 2012 issue of the magazine.

### *CQ Hou Koers*

CQ Hou Koers, the Voortrekkers' annual radio communications day, takes place on Saturday 15 October. Young people from across SA and Namibia will be active on the ham bands. Please support them.

Radio amateurs are requested to offer their services to local Voortrekker groups. Because the day coincides with JOTA, it offers interesting opportunities for interaction between Voortrekkers and Scouts.

Enquiries may be sent to Andries, ZS6VL, [andries.visagie@natref.com](mailto:andries.visagie@natref.com)

### *African DX*

Botswana, A2. Sajid, VA3QY, will be active as A22EW from 29 September to 18 October. QSL to home call.

Djibouti, J2. Freddy, J28RO, will be active in the CQ WW RTTY contest. QSL via F8DFP.

### *African Islands*

Morocco, CN. Operators I8LWL, IK7JWX, IZ7ATN, IS0AGY and IK2PZC are active as 5C2L, 5C2J, 5C2SG, 5C2B and 5C2P, respectively, from Herne Island, IOTA AF-068, until 29 September. They are joined by CN8QX and CN8QY. Activity is on 80 to 10 metres using all modes.





They will be active as 5C2P in the CQ WW RTTY contest. QSL CN8QY via I8LWL and all others to home calls.

Mayotte, FH. Phill, F6GNT is active as FH8NX until 1 March 2013. Activity is generally on 20 to 10 metres using SSB. QSL to home call.

## Special Event Stations

## Club News

The East Rand Amateur Radio Club is having their second flea market for the year on 1 October 2011 from 11:00 to 15:00. To book a table you can contact Judy, ZS6JDY, on 079 730 2030 or for more detail, send an e-mail to [zs6jdy@vodamail.co.za](mailto:zs6jdy@vodamail.co.za) The address is the sports grounds of the Selpark Primary School in Pridgeon Street, Selection Park, Springs. Hope to see you all there.

The West Rand Amateur Radio Club is hosting its next flea market at 12:00 on Saturday 08 October 2011 at the clubhouse in Kroton Street, Weltevredenpark, Roodepoort. Everyone is very welcome. For more information, contact Phillip, ZS6PVT, at 083 267 3835.

## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 19 September 2011.

- 1852 - A new invention, the dirigible, is demonstrated
- 1859 - Patent granted on the electric range
- 1879 - Baldwin steam motors tram first tried in Sydney Australia
- 1893 - Frank Duryea drives the first US made gas propelled vehicle (car)
- 1895 - First auto manufacturer opens - Duryea Motor Wagon Company
- 1955 - Commercial TV begins in England
- 1956 - First transatlantic telephone cable goes into operation
- 1957 - First underground nuclear explosion, Las Vegas, Nevada

## Contest Calendar

*This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 19 to 26 September 2011.*

Run for the Bacon QRP Contest  
0100Z-0300Z, Sep 19

Mode: CW

Bands: 160, 80, 40, 20, 15, 10m

Classes: Single Band

All Band

Max power: 5 watts

Exchange: RST, state, province or country  
and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once

Multiply mults by 2 if >50 members worked







Score Calculation: Total score = total QSO points x total mults

Submit logs by: September 25, 2011

E-mail logs to: (none)

Upload log at:

<http://www.fqgrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://www.fqgrp.org/pigrun/>

NAQCC Straight Key/Bug Sprint

0030Z-0230Z, Sep 22

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 2359Z September 25, 2011

E-mail logs to: [naqcc33@windstream.net](mailto:naqcc33@windstream.net)

Upload log at:

<http://naqcc.info/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at:

<http://naqcc.info/sprint201109.html>

NCCC Sprint Ladder

0230Z-0300Z, Sep 23

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once

per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: September 25, 2011

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

CQ Worldwide DX Contest, RTTY

0000Z, Sep 24 to 2400Z, Sep 25

Mode: RTTY

Bands: 80, 40, 20, 15, 10m

Classes: Single Op All Band (High/Low); Single Op Single Band (High/Low); Single Op Assisted All Band (High/Low); Single Op Assisted Single Band (High/Low); Multi-Single (High/Low); Multi-Two; Multi-Multi

Max power: HP: 1500 watts; LP: 100 watts

Exchange: 48 States/Canada: RST, state or VE area and CQ Zone; All Others: RST and CQ Zone

Work stations: Once per band

QSO Points: 1 point per QSO with same country; 2 points per QSO with same continent; 3 points per QSO with different continent

Multipliers: Each US state/VE area once per band; Each DXCC/WAE country once per band; Each CQ zone once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: October 15, 2011

E-mail logs to: [rtty@cqww.com](mailto:rtty@cqww.com)

Mail logs to: Ed Muns, WOYK, PO Box 1877, Los Gatos, CA 95031-1877, USA

Find rules at:

<http://www.cq-amateur->

[ra-](http://www.cq-amateur-ra-)

[dio.com/cq\\_contests/cq\\_ww\\_rtty\\_dx\\_contest/cq\\_ww\\_rtty\\_dx\\_contest\\_rules/2011\\_cq\\_ww\\_rtty\\_dx\\_contest\\_rules.pdf](http://www.cq-amateur-ra-dio.com/cq_contests/cq_ww_rtty_dx_contest/cq_ww_rtty_dx_contest_rules/2011_cq_ww_rtty_dx_contest_rules.pdf)

Texas QSO Party

1400Z, Sep 24 to 0200Z, Sep 25 and 1400Z-2000Z, Sep 25

Mode: All





Bands: All, except WARC

Classes: Fixed Single Op Mixed; Fixed QRP Single Op; Fixed Single Op CW; Fixed Single Op Phone; Fixed Multi-Op; TX Mobile Single Op Mixed; TX Mobile Multi-Op; TX Mobile Single Op CW; TX Mobile Single Op Phone

Max power: HP: >5 watts CW/digital, >10 watts phone; QRP: 5 watts CW/digital, 10 watts phone

Exchange: TX: RS(T) and County; non-TX: RS(T), state, province, country or MM region

Work stations: Once per band per mode per county

QSO Points: 2 points per phone QSO; 3 points per CW/digital QSO; TX Stations: 500 bonus points for each TX mobile worked in 5 different counties; TX Mobiles: 1000 bonus points for each TX county covered with at least 5 QSOs; non-TX Stations: 500 bonus

points for each TX mobile worked in 5 different counties and another 500 bonus points for working the same TX mobile in an additional 5 counties

Multipliers: TX Stations: Each TX county, state, province, DXCC country once; non-TX Stations: Each TX county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: October 31, 2011

E-mail logs to: no5w@consolidated.net

Mail logs to: Texas QSO Party Committee, 6 Sweetdream Place, The Woodlands, TX 77381-6009, USA

Find rules at:

[http://txqp.net/index.php?option=com\\_content&view=article&id=233:rules-for-2011&catid=38:rules&Itemid=53](http://txqp.net/index.php?option=com_content&view=article&id=233:rules-for-2011&catid=38:rules&Itemid=53)

## Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 28 September

SARL 80 m Club Contest, Digital, 17:30 - 18:30 UTC 28 September

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 28 September and 03:00 - 04:00 UTC 29 September

RSGB 80 m Club Sprint, CW, 19:00 - 20:30 UTC 29 September

EPC Russia DX Contest, 04:00 UTC 1 October to 03:59 UTC 2 October

Oceania DX Contest, Phone, 08:00 UTC 1 October to 08:00 UTC 2 October

WAB HF Phone, 12:00 UTC 1 October to 12:00 UTC 2 October

California QSO Party, 16:00 UTC 1 October to 22:00 UTC 2 October

EU Autumn SSB Sprint, 16:00 - 19:59 UTC 1 October

UBA ON Contest, SSB, 06:00 - 10:00 UTC 2 October

ARS Spartan Sprint, 01:00 - 03:00 UTC 4 October

## DX Code of Conduct

I will listen, and listen, and then listen again before calling.

I will only call if I can copy the DX station properly.

I will not trust the DX cluster and will be sure of the DX station's call sign before calling.

I will not interfere with the DX station or anyone calling and will never tune up on the DX frequency or in the QSX slot.

I will wait for the DX station to end a contact before I call.

I will always send my full call sign.

I will call and then listen for a reasonable interval. I will not call continuously.

I will not transmit when the DX operator calls another call sign, not mine.

I will not transmit when the DX operator queries a call sign not like mine.

I will not transmit when the DX station requests geographic areas other than mine.





When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.

I will be thankful if and when I do make a contact.

I will respect my fellow radio amateurs and conduct myself so as to earn their respect.

<http://www.dx-code.org/publications.htm>

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

### SA Radio League News Bulletins

#### SARL News

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
06:15 / 08:15 *	7 066 / 7 098	From Pretoria /	Southern Africa	Afrikaans
06:30 / 08:30 *	7 066 / 7 098	Port Elizabeth	Southern Africa	English
Various 2 metre and 70 cm repeaters and Echolink country wide				

#### Amateur Radio Today

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
08:00 - 09:00 /	7 082	From Durban	Southern Africa	English
10:00 - 11:00 *	Various 2 metre and 70 cm repeaters and Echolink country wide			

#### Amateur Radio Today shortwave broadcast information.

Time (UTC / CAT)	Freq (kHz)	Tx kW	Target Area	Language
08:00 - 09:00 /	7 205	100	Southern Africa	English
10:00 - 11:00 *	17 570	250	East Africa	English
16:30 - 17:30 /	3 230	100	Southern Africa	English
18:30 - 19:30 **				

\* Sunday \*\* Monday

